

Application Order number: 20210508001

Results of Ethical Review of Animal Experiments at Guangzhou University of Chinese Medicine

Date of application: May 08, 2021

Subject Name	Mechanisms of pharmacological control of AD due to brain damage by hypercholesterolemic 27-hydroxycholesterol				
Applicant	Xiaoyi Liang	Title/Degree	Student	email	957161993@qq.com
Project Leader	Weirong Li	Title/Degree	associate researcher	email	liwr@gzucm.edu.cn
Faculty (department)	Science and Technology Innovation Center, Guangzhou University of Chinese Medicine				
lineage	SD	quantity	50		
Basis of review	1. The primary question to be addressed is whether the project necessitates the utilization of experimental animals for experimentation. That is, the inquiry pertains to whether non-living methodologies, such as computer simulation and cell culture, can adequately substitute for animals, or whether lower animals can be employed to replace higher animals in experimental settings. The secondary inquiry concerns the feasibility of employing non-living methodologies, such as computer simulation or cell culture, as alternatives to animals, or the utilization of lower animals in place of higher animals. 2. The qualifications of the personnel involved in the experiments and the units involved in the experiments listed in the table must be examined to ascertain their adequacy. 3. The potential exists to reduce the number of animals utilized in the experiment through the enhancement of the design or the utilization of high-quality animals. 4. The potential exists for the enhancement of the experimental method, the adjustment of the experimental observation index, and the refinement of the method of animal death, with the objective of optimizing the experimental plan and ensuring the proper treatment of animals. 5. The experimental design, techniques, and the number of animals used in the experiment must be reasonable and feasible.				
Review opinion of ethics committee	After review, the design of the study complied with the ethical requirements for animal experiments of Guangzhou University of Traditional Chinese Medicine, and we agreed to carry out the animal experiments.				
Member of ethics committee	Yongbin Zhang	Date of review	May 10, 2021		
Opinions on the supervision of animal experimentation process					

Review Opinions of the University Laboratory Animal Ethics Committee			
Director of the committee		Date of review	

The following is a detailed description of the experiment:

1. The names of all participants in the experiment must be documented. Second, the participants must obtain the animal experiment training certificate. For example, students must have taken the medical laboratory zoology course. (For students, this requirement is met by successfully completing the medical laboratory zoology course and passing the examination).
2. The individual responsible for the oversight of the project is obligated to attest to the veracity of the information provided. In the event that the experiment contravenes the stipulated principles of animal welfare and ethics, the individual in question will be removed from the laboratory.